

further investigations on the formation of
Graafian Follicles in the Ovary of the Adult
Human, by W. Koster.

WILHELM, per, Versl. Meded. Konink Akad Wetensch
(Nauk), 2nd ser. No 7, 1873, pp 47-70.
See also 6-3-66

48

W. Koster

SCI/HB
See 66

314,758

Koester, W.
A CONTRIBUTION TO THE SCIENCE OF MICROPIA
AND MACROPIA: SUPPLEMENT TO MY ARTICLE
(Zur Kenntnis der Mikropie und Makropie: Nachtrag
zu Meinem Aufsatze), [1961] {15p} (foreign text
included).
Order from SLA \$1.60

TT-61-14262

Trans. of [Albrecht von Graefe's] Arch[iv für]
Ophth[almologie] (Germany) [1898] v. 48, p. 90-96.

(Biological Sciences--Physiology, TT, v. 12, no. 3)

TT-61-14262

I. Koester, W.

521.3

Office of Technical Services

Köster, W. and Rauscher, W.
RELATIONSHIPS BETWEEN THE MODULI OF ELASTICITY OF BINARY ALLOYS AND THEIR STRUCTURE. 17 Mar 49, 12p. (figs refs. omitted)
Order from SLA \$1.60 62-18404

Trans. of Z[ei]tschrift f[ür] Metallkunde (West Germany) 1948 [v. 39, no. 4] p. 111-120.

DESCRIPTORS: *Alloys, *Crystal structure, Eutectics, Intermetallic compounds, *Elasticity, Lattices, Phase studies, Chemical bonds.

A comprehensive review is given with respect to the concentration dependence of the modulus of elasticity of binary alloys. An investigation was made of continuous mixed crystal series, limited mixed crystal series, eutectic alloy series and alloys with intermetallic phases. The most important structural systems were (Metallurgy--Structural, TT, v. 9, no. 2) (over)

62-18404

I. Köster, W.
II. Rauscher, W.

62-18404
CIA

Office of Technical Services

Indication of the Quality Characteristics of Low Carbon Steels by Damping Measurements, by W. Koster,
G. Kampschulte.

GERMAN, per, Archiv fuer Eisenhuttenwesen, Vol XXXII,
Dec 1961, pp 809-822..

BIBI 2685

Sci - Min/Metals

203,501

Jul 62

list 136

The Change in Elastic Modulus With Composition
in Some Binary Systems, by W. Koester.
GERMAN, per, Zeit. Metallkd., No 39, 1948,
pp 111-120.
*NBS TT 70-57530
Available NBS Only

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Sci/Mat
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Phase Equilibration in the Ternary Si_C System
Iron-Cobalt-Manganese, by W. Koster,
M. Speidel.

GERMAN, per, Archiv fuer Eisenhuettenwesen,
Vol XXXIII, Dec 1962, pp 873-876.

BISI 3179

Sci - M/M
Jan 64

246, 468

Determination of the Solubility of Carbon in Iron
Titanium Alloys by Means of Damping Measurements,
by W. Koester, J. Haber.

GERMAN, per, Archiv fuer Eisenhuttenwesen,
Vol. XXXIII, Jan 1962, pp 23-26.

BIBI 2805

Sci - Chem

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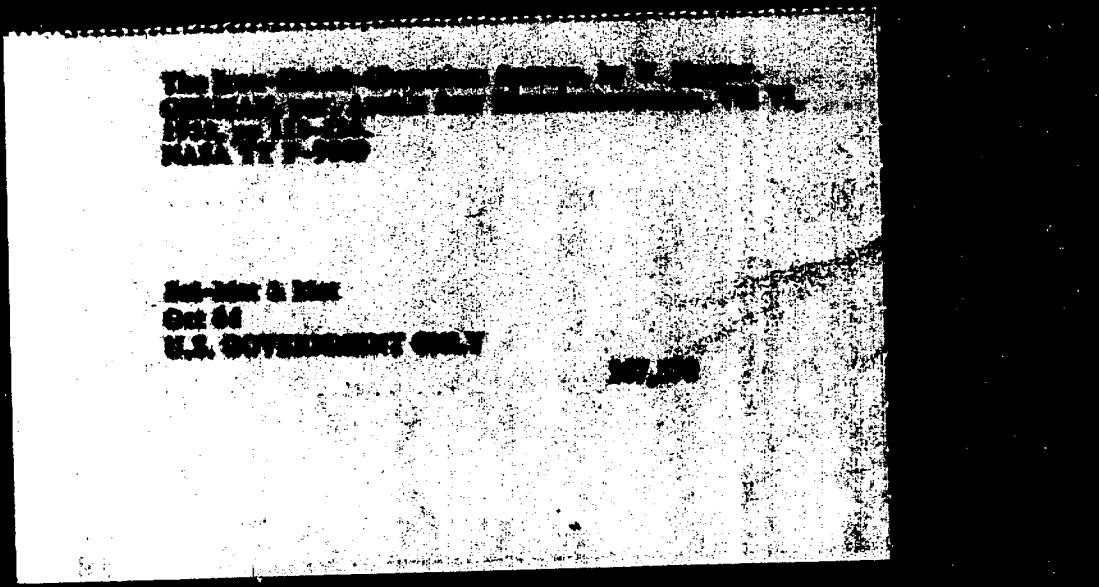
Isomorphism of the Type $Al_{III}B_5V$ Compounds, by
W. Koster and W. Ulrich, 7 pp.

GERMAN, per, Zeitschrift fur Metallkunde, Vol. 49, No. 7, 1958, pp 365-367. 9201293

A.C.S.I.L. Tr No 1264

Sci - Chem
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The Ternary System - Gallium-Arsenic-Zinc, by
W. Koester, und W. Ulrich, 8 pp.

GERMAN, per, Z fur Metallkunde, Vol XLIX, No 7, 1958,
pp 361-364. 9068980

A.C.S.I.L. Tr No 1263

Sci -
Jan 63

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21st century behaviour of Standard Tragedy in the
United States.

DAVIS, and, *Modern Disenchantment*, New York,
Revised 1970, 1970, pp 569-702.

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1962 - May/June

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Elastical Properties, by W. Koster, 10 pp.

GERMAN, rpt, Allgemeine Metallurgie, V.
Plastische Verformung Und Rekristallisation,
1948, pp 129-145. 9670566
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PTD-MCL-710/1

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Sci - Chem

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Changes in the Properties of Iron-Nitrogen
Alloys Caused by Quenching and Heat Treat-
ments Below A_1 , by W. Koster.
GERMAN, per, Arch. Eisenh., Vol 3, 1930,
pp 553-558.
BISI 4660

W. Koster

Sci-M&M
Jul 66

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Nitrogen in Industrial Iron, III - Precipitation of Nitrogen and Carbon From Iron as an Example of the Breakdown of a Doubly Super-Saturated Solid Solution.
by W. Koster.
GERMAN, per, Arch. Eisenh., Vol 4, Sept.
1950, pp 145-150.
SISI 4661

W. Koster

Sci-M&N
Jul 66

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A Study on the Post-natal Formation of Ova in
the Mammalian Ovary and the Relationship of the
Ovary to the Peritoneum, by W. Koster,
DORDRECHT, per, Versl Neder Konink Akad Wet-
ensch (Natuurk), 2nd Series, No 3, 1869, pp
141-151.

REF-NIN-7-16-66

Sci-BG
Jan 67

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Isomorphism of the Type Al_3B_4 Compounds, by
W. Koster and W. Ulrich, 7 pp.

GERMAN, per, Zeitschrift fur Metallkunde, Vol. 49,
No 7, 1958, pp 365-367. 9201293

A.C.S.I.L. Tr No 1264

Sci - Chem
Feb 63

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Manganese Aluminium System, by W. Koster,
W. Bechthold.

GERMAN, per, Z fuer Metallkunde, 1938,
pp 294-296.

CSIRO/No 6102

Sci-Materials & Metallurgy
May 63

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Köster, W. and Hofmann, G.
RESISTOMETRIC INVESTIGATION OF THE INFLUENCE OF LATTICE DEFECTS ON THE COLD AGEING OF Al-Zn ALLOYS. [1961] [29]p. 22 refs. FRI
Trans. no. 159.
Order from SLA \$2.60

61-18843

Trans. of Z[eitschrift für] Metallkunde (West Germany) 1960, v. 51, no. 6, p. 303-313.

DESCRIPTORS: *Aluminum alloys, *Zinc alloys, Lattices, Aging, Temperature, Resistance, Impurities

The variations in electrical resistivity in the initial stages of the cold ageing of Al-Zn alloys with between 8 and 30% Zn were investigated as a function of the homogenising and ageing temperatures. The quenching rate was 200°/sec. With increasing homogenising temperature up to about 400°C, the hardening rate was (Metallurgy, TT, v. 6, no. 12) (over)

61-18843

I. Köster, W.
II. Hofmann, G.
III. FRI-Trans-159
IV. Fulmer Research Inst., Ltd. (Gr. Brit.)

Office of Technical Services

The Influence of Lead Upon the Modulus of Elasticity and Upon Damping of Copper, Silver, Brass, by Koster, Werner and Bangert, Lothar, 9 pp.

GERMAN, per, Zeit fur Metallkund, Vol XLII,
No 10, 1951, pp 391-394.

OTS 60-16481

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30 Mar 62

The Size of Particles of Iron Nitride Precipitated
From a Carbon and Nitrogen Supersaturated Iron,
by W. Koster, L. Bangert. UNCL

GERMANY, *Der Arch Eisenhuettenwesen*, No 5/6,
1954, pp 231-240.

British Iron and Steel Ind
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Sci - Min/Met
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Damping Behavior of Titanium Containing
Hydrogen, by W. Koster, L. Bangert,
and M. Evers, 13 pp.

RUSSIAN, per, Z. Metall, Vol XLVII, No 8,
1956, pp 564-570.

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Aug 58

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Köster, W.

ON A SPECIAL PHENOMENON IN THE TEMPERATURE COURSE OF THE MODULUS OF ELASTICITY AND DAMPING OF METALS SUCH AS Cu, Ag, Al AND Mg. 3 Mar 49, 5p. (figs. tables refs. omitted). Order from SLA \$1.10

62-18403

Trans. of Zeitschrift für Metallkunde (West Germany) 1948, v. 39 [no. 1] p. 9-12.

DESCRIPTORS: *Magnesium, *Aluminum, *Silver, *Copper, *Damping, *Elasticity, Temperature.

The temperature dependence of the modulus of elasticity and the damping of Cu, Ag, Al and Mg were determined. These four metals show, over an extensive temperature range, an unexpected lowering of the modulus of elasticity and an increase of damping. The height at which the bulge of the curve occurs depends on the degree of purity of the metals. The phenomenon is therefore due to
(over)

62-18403

I. Köster, W.

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Office of Technical Services

Koster, W. and Hagmann, D.
SOLID SOLUTIONS OF PALLADIUM AND NEIGHBORING ELEMENTS IN THE PERIODIC SYSTEM.
Pt. 16 of Conductivity and Hall Constant. [1962] 11p.
Order from A TS \$21.80 ATS-53PS9G

Trans. of Z[eitschrift für] Metallkunde (West Germany) 1961, v. 52, no. 11, p. 721-727.

DESCRIPTORS: Palladium, Solids, Solutions, Chemical elements, Conductivity.

(Metallurgy--Nonferrous Metals, TT, v. 8, no. 4)

62-17162

I. Koster, W.
II. Hagmann, D.
III. Title: Conductivity...
IV. ATS-53PS9G
V. Associated Technical Services, Inc.,
East Orange, N. J.

62-17162

Office of Technical Services

Köster, W.
ELASTICITY MODULUS OF PURE METALS AS A
FUNCTION OF THE TEMPERATURE. 18 Feb 49, 10p.
(figs. tables, refs. omitted).
Order from SLA \$1.10

62-18402

Transl. of Z[er]schrift f[ür] Metallkunde (West
Germany) 1948 [v. 39, no. 1] p. 1-9.

DESCRIPTORS: Temperature, *Metals, *Elasticity,
Melting, Measurement, Vibration mechanisms.

The modulus of elasticity and its temperature dependence were measured for 32 very pure metals from -180° up to the melting point or up to about 1000° with the aid of the determination of the natural frequency of transversely vibrating bars.

(Metallurgy, TT, v. 9, no. 3)

I. Köster, W.

62-18402

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On the Effect of Annealing on Electrolytic Nickel,
by W. Koster, 13 pp.

RUSSIA, per, Z Metallkunde, Vol XXXI, No 6, 1939,
pp 168-170.

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Sci - Minerals/Metals
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Observations on the Change in State that
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Chromium Alloys, by W. Koster, and von
Klenlin, A., 29 pp.

GERMAN, per, Arch Eisenhuttenw, Vol XXVII,
No 12, Dec 1956, pp 793-799. 29 pp.

SLA 2534

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Contribution to the Problem of Cold and Hot Hardening
on the Basis of Thermolectric Investigations, by
A. Dürer, W. Koster.

GERMAN, per, Z für Metallkunde, Vol XXX, No 9,
1938, pp 311-319.

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Sci - Engr

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Jan 61

The Iron-Cobalt-Tantalum System, by W. Koster,
E. Becker.

ERMAN, Archiv fur das Eisenhuttenwesen, Vol XIII,
1939-1940, pp 93, 94.

Bratcher Tr No 1633

Scientific - Min/Metals \$2.80

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KOSTER, W.

Archiv Eisenhuttenwesen, vol. 3, No. 10, 21
figures, 9 tables, 9900 words; 1930.

On the Problem of Nitrogen in Technical
Steel. Part I

Brutcher, Trans. Order No. 2098, \$14.85

A. 5945

A New Method of Measurement for Young's Modulus and Damping, by F. Forster, W. Koster

GERMAN, per, Zeitschrift fur Metallkunde, Vol XXIX,
pp 109-115. 11b-123.

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CTS/DEX Price \$2.50

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Effect of Powder Particle Size Upon Behavior of
Sintered Iron in Nitriding, by W. Koster, J.
Raffelsieper

GERMAN, per, Archiv Eisenhuttenwesen, Vol XXIII,
No 5-6, 1952, pp 225-228.

Bratcher Tr 3093

Scientific - Minerals/Metals
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KOSTER, W.
LALICL, J.

ZEITSCHRIFT FÜR METALLKUNDE, vol 27, 1935

Mn system copper-nickel-iron

Ernst Schäfer Druckerei 247, \$4.90

A5938

Modulus of Elasticity and Damping of Iron and Iron
Alloys, by H. Koster, 28 pp.

CRM4K, per, Arch Eisenhuttenwesen, Vol XIV, 1942,
pp 273-278. (Loan Copy Only).

SLA 57-3019

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The System Iron-Nickel-Molybdenum.

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A 5939

KOSTER, W.

Archiv Eisenhüttenwesen, vol. 7, 7 figures, 1300 words;
1934.

Iron End of Iron-Manganese-Chromium Constitution
Miaoran.

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Change in Properties During the Hardening of a
Copper Chromium Alloy, by W. Koster, W. Knorr.

GERMAN, per, Z fuer Metallkunde, Vol XLV, No 6,
1954, pp 350-356.

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Velocity of Action of Oxygen, Hydrogen Sulfide
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203, 224.

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Aug 52 CRS

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On the Recovery of the Internal Friction of Brass
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Sci

Aug 59

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KOSTER, W.

ZEITSCHRIFT METALLKUNDE, vol 25, 1933

The Ternary System Cobalt-Chromium-Tungsten.

Brutcher #1332, \$6.85

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<p>Koster, W. A CONTRIBUTION TO THE SCIENCE OF MICROPIA AND MACROPIA (Zur Kenntniß der Mikropie und Makropie). [1961] 40p. 7 refs. Available on loan from SLA</p> <p>Trans. of A[lbrecht] v[on] Graefe's Archiv für Ophthalmologie] (Germany) 1896, v. 42, p. 134-178.</p> <p>DESCRIPTORS: *Visual perception, *Eye, *Retina, *Optics, Ophthalmology, Brightness, *Vision, *Optical images, Focusing.</p> <p>(Unannounced)</p>	<p>61-14738</p> <p>1. Title: Micropsia 2. Title: Macropsia 1. Koster, W.</p> <p>61-14738</p> <p>Office of Technical Services</p>	
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KOSTER, N.

Zeitschrift Metallkunde, vol. 36, No. 5, 500
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A 5943

KOSTER, W.
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Conductivity and Hall Constant: II. The Solid
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Franz Sperner, 15 pp.
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pp 544-549.
AEC/CRL/Tr-2019-68

Werner Koster

Sci/Materials
Feb 09

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The Ternary System Cobalt-Nickel-Vanadium, by
Werner Koster, Franz Sperner, 9 pp.
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Werner Koster

Sci/Material
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The Question of Nitrogen in Technical Iron,
III. Precipitation (Separation) of N₂ and
O From Alpha-Iron as an Example of the
Decomposition of a Solid Solution Supersaturated
With Both Components, by Werner Koster, 7 p.

GERMAN, per, Arch fur Eisenhutten, 1930,
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SLA 59-20228

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Sci
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Vol 2, No 11

The System Iron-Cobalt-Tungsten, by Werner Koster,
Willi Tonn, 13 p.

GERMAN, per, Arch fur das Eisenhuttenwesen, 1932,
Vol V, No 8, pp 431-440.

SLA 59-20229

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Vol 2, No 11

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Hardening of Gold-Nickel Alloys, by Werner Koster,
Walter Dannohl, 10 p.

GERMAN, per, Zeit fur Metallkunde, 1936, Vol XXVIII,
No 9, pp 248-253.

SLA 59-20234

Sci
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Vol 2, No 11

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The Cobalt Corner of the Iron-Cobalt-Vanadium
System, by Werner Koster, Karl Lang, 4 p.

GERMAN, per, Zeit fur Metallkunde, 1938, Vol XXX,
No 9, pp 350-352.

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Concerning the Synthesis and the Volume Changes
of Zinc-Copper-Aluminum Alloys III. Survey
of the Course of Equilibrium in the Copper-
Aluminum-Zinc System, by Werner Koster, 26 p.

GERMAN, per, Zeit fur Metallkunde, 1941, Vol
Vol XXXIII, No 8/9, pp 289-296.

SLA 59-17830

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Vol 2, No 10

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Permanent Magnet Materials with Respect to
Precipitation Hardening, by Werner Koster, 12 p.
GERMAN, per, Stahl und Eisen, 1933, Vol LIII,
No 33, pp 849-856.

SLA 59-20224

See
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Vol 2, No 12

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The System Iron-Nickel-Molybdenum, by Werner Koster,
5 p.

GEISMAN, per, Arch fur das Eisenhuttenwesen, 1934,
Vol VIII, No 4, pp 169-171.

SIA 59-20055

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Vol 2, No 12

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The Relationships of Magnetic Properties,
Especially the Coercive Force to the Structure
of the Alloys and the Development of New Types
of Magnet Alloys, by Werner Koster, 6 p.

GERMAN, per, Z fur Elektrochemie, 1932,
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Relations Between the Modulus of Elasticity of
Binary Alloys and Their Structure, by Werner Koster,
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GERMAN, per, Zeitschrift fuer Metallkunde, Vol XXXIX,
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Scientific - Engineering

December 1951 CTS

A. 5946

Mnonmetallic Inclusions in 16-Ton Rimed
Steel Ingots, by L. B. Kostorov, G.H.
Oike.

RUSSIAE, par, Iz Vysshikh Ucheb Zaved,
Chern Metal, No 11, 1961, pp 45-56.

HB 5470

Sci - Min/Met
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Degregation of Elements During the Solidification
of 18-Ton Rimming Steel Ingots,
by I. F. Kostorev, G. N. Oiks.

RUSSIA, per, Iz Vysshikh Ucheb Zaved
Chern Metal, No 11, 1960, pp 59-60.

HB 5100

Sci - Min/Met
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The Zr/Hf Ratio in the Zircons of Some Igneous
Rocks of the Northern Slope of the Kuramin Mountain
Range, by A. V. Kosterin, E. D. Shevaleevskii, 5 pp.

RUSSIAN, per, Geokhim, No 5, 1960.

GS

Sci

Aug 62

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The possible modes of transport of the rare earths by hydrothermal solutions. By Kostarin A. V., 17 pp.

RUSSIAN, per, Geokhim, No 4, 1959, pp 310-317.

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Sci
Oct 61

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Zr/Hf Ratio in Zircons in Some Igneous Rocks of
Northern Kirgizia, by A. V. Kesterin, V. N. Zuyev,
I. D. Shevaleyevskij, 4 pp.

RUSSIAN, per, Geokhimiya, No 1, 1958, pp 86-89.

Geochemical Society

Sci - Geophys
Dec 58

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Glassy Liquid Crystal Films, by I. G. Chistyakov,
E. A. Kostenko,
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XFS AJ-4704

Sci-Phys
Jul 67

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The Generosity of the Uglyum River, by S. Kosterin, 5 pp
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JPRS 25662

USSR
Econ, Geog
Aug 64

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Relative Velocities of a Steam-Water Flow in
Vertical Unheated Pipes, by S. Kosterin,
N. I. Semenov, et al.

RUSSIAN, per, Teploenergetika, Vol. VIII, NF No 1,
1961, pp 58-65.

AEC-MIL-RTS-1957

Sci - Engr

Apr 63

227, 028

102
Experimental Investigation of Heat Exchange
of Flat Plate in Supersonic Rarefied Gas Flow,
by S. I. Kostevin, Yu. A. Kosolapov, 13 pp.
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2, 1962, pp 263-269 P100303267
FTD-MT-67-43

S. I. Kostevin
Sci-Physics
Dec 67

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Heat Exchange in a Turbulent Flow of Air in an
Annular Space Between Rotating, Coaxial Cylinders,
by S. I. Kosterin, U. P. Finatyev, 11 pp.

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Experimental Research of Heat Transfer of a Flat
Plate in a Supersonic Flow of a Rarefied Gas, 113
by S. I. Kosterin, et al.
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*FTD-HT-67-43

S. I. Kosterin

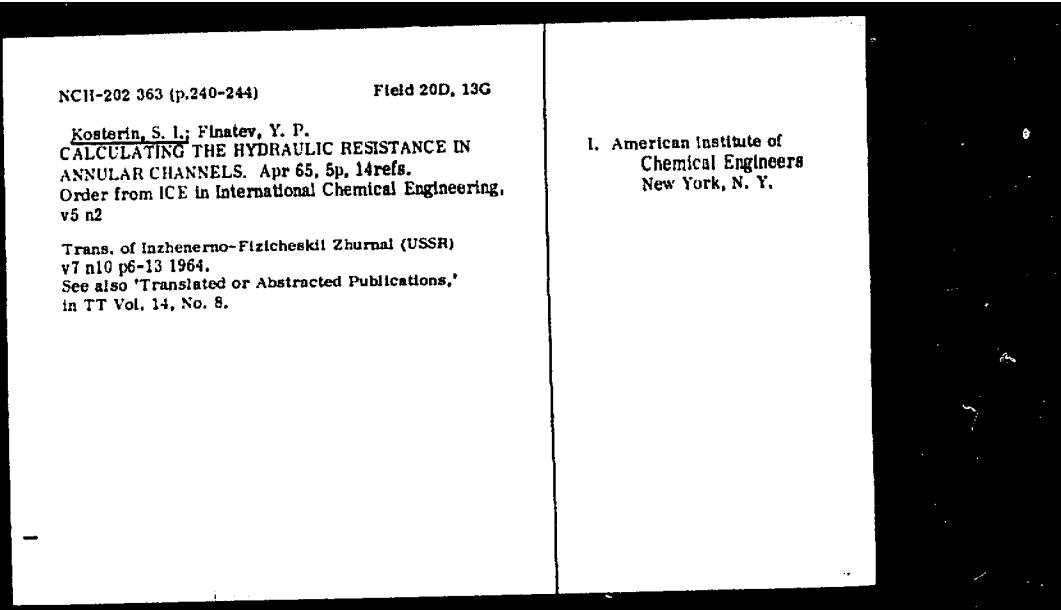
Sci/Physics
Aug 67

Results of an Investigation of the Speed of Sound
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S. I. Kosterin, 13 pp.
RUSSIAN, per, Imkommisjione, Vol 51, no 6,
1961, pp 46-51. 9225780
AEC-WAPD-Tr-12

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May 14

S. I. Kosterin

2001.05.14



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of supersonic Jets in Contemporary
Vacuum Pumps, by S. I. Kosterin,
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IZDANIE, per Teplo- i Massoperenos,
Obshchiye Voprosy Teploobmena, Vol III,
1963. 9696268
PTO-T-65-206

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S. I. KOSTERIN

SCI - ADTU
sec 65

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On the afternoon of 10 January 1945, the
SAC, San Francisco, was informed by
R. E. Johnson, SAC, Seattle, that
approximately 1000 Japanese
prisoners had been released from
the POW camp at Tadami, Japan, on
10 January 1945.
CIA/PED X-3943

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257,425

On the Influence of Rarefaction of Supersonic Flow
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S. I. Kosterin, N. T. Delova, 13 pp.

RUSSIAN, par, Inzhenerno-Fizika Zhur, Vol VI, No 11,
1969.

JPM 23013

Sci

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Investigating Flow and Heat Transfer of a
Rarefied Gas in a Flat Supersonic Nozzle, by
S. I. Kosterin, Yu. A. Kosmarov, 11 pp.

RUSSIAN, per, Inzhenerno-Fizicheskiy Zhurnal,
No 4, 1962, pp 3-9. 9678832

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Hydraulic Resistance of Steam-Water Flow in Vertical
Unheated Pipes, by S. I. Kostarin, V. V. Polyakov,
et al., 7 pp.

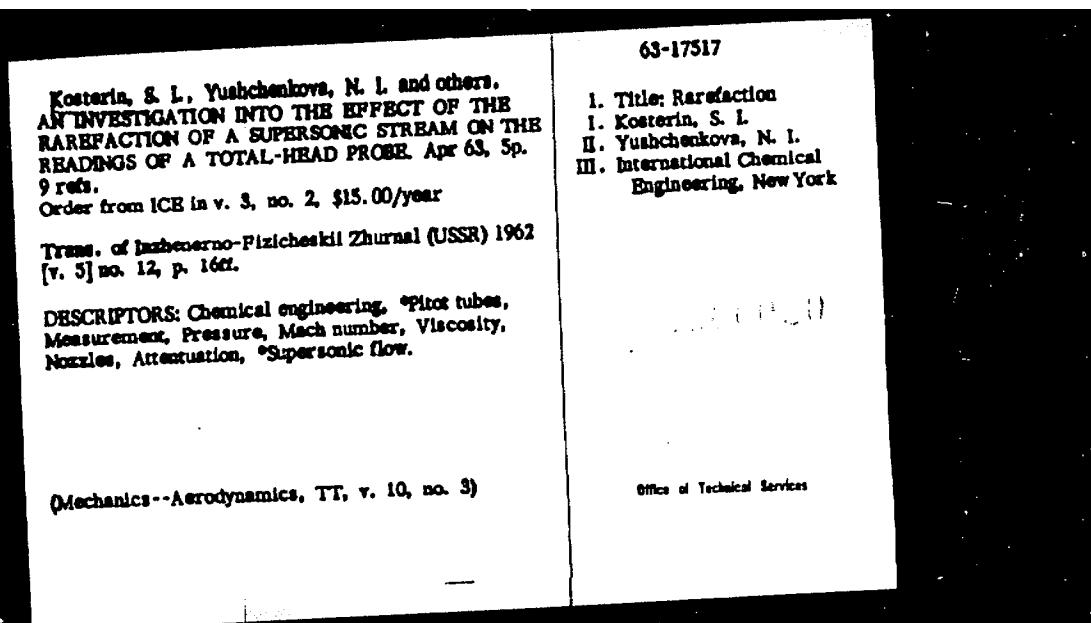
RUSSIAN, per, Inzh Fiz Zhur Akad Nauk Beloruss SSR,
Vol V, No 7, 1962, pp 3-10. 9208775

AEC-Tr-5760

Sci - Nucl Sci

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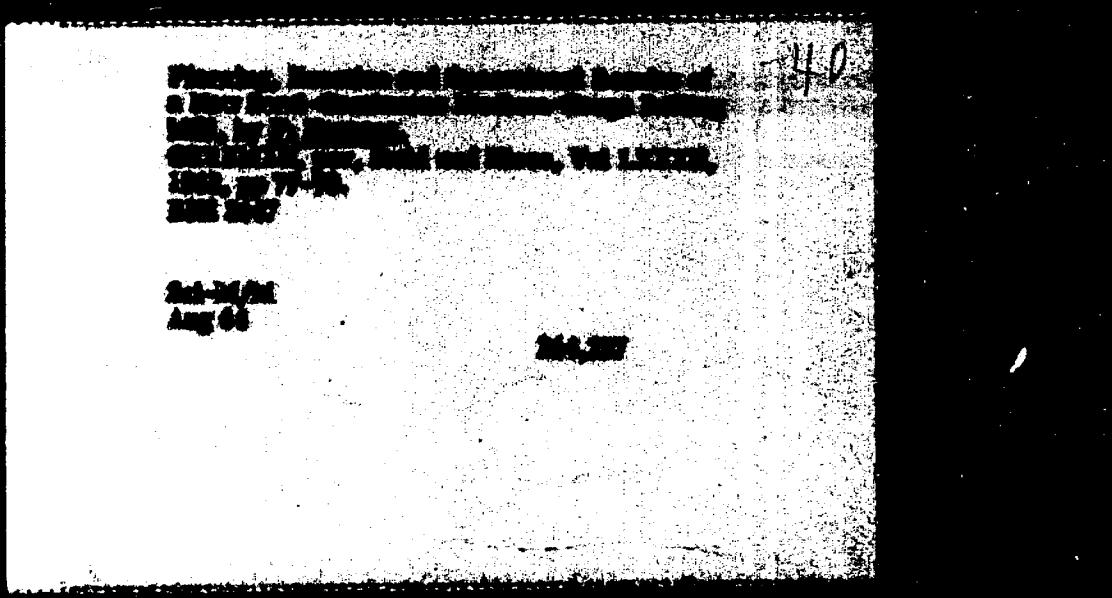
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